

AMENDMENTS TO THE CLAIMS

Claims 1-3 (Cancelled)

4. (Currently Amended) A method comprising:
identifying a ~~first and a second~~ radio protocol;
receiving the ~~first and second~~ radio protocol ~~protocols~~;
prior to downloading the radio protocol ~~first and second radio protocols~~ to a
baseband module, determining whether the radio protocol meets ~~first and~~
~~second radio protocols meet~~ certification requirements of a third-party
certification authority;
providing guarantees regarding the certification requirements to a relevant
authority; and
if the radio protocol meets ~~first and second radio protocols meet~~ the certification
requirements, downloading the radio protocol ~~first and second radio~~
~~protocols~~ to a non-volatile memory device coupled to the baseband module,
wherein the baseband module is to operate under ~~both the~~ radio protocol
~~first and second radio protocols~~.
5. (Currently Amended) The method of claim 4, wherein the determining if the radio
protocol meets ~~of the first and second radio protocols meeting~~ the certification
requirements comprises authenticating the radio protocol ~~first and second radio~~
~~protocols~~ using a ~~first~~ cryptographic key stored at the baseband module.
6. (Currently Amended) The method of claim 5, wherein the ~~first~~ cryptographic key
comprises a public key.
7. (Currently Amended) The method of claim 1, wherein the downloading of the
radio protocol ~~first and second radio protocols~~ comprises writing the radio

protocol ~~first and second radio protocols~~ to the non-volatile memory device via a boot loader program.

8. (Previously Presented) The method of claim 7, further comprising determining whether the boot loader program is approved by a manufacturer of the baseband module.
9. (Currently Amended) The method of claim 8, wherein the determining whether the boot loader program is approved by the manufacturer comprises authenticating the program using a ~~second~~ cryptographic key stored at the baseband module.
10. (Currently Amended) The method of claim 9, wherein the ~~second~~ cryptographic key comprises a public key.

Claims 11-15 (Cancelled)

16. (Currently Amended) A system comprising:
 - a receiver to receive and identify a ~~first and a second~~ radio protocol;
 - a mechanism to:
 - prior to downloading the radio protocol ~~first and second radio protocols~~ to a baseband module, determine whether the radio protocol meets ~~first and second radio protocols meet~~ certification requirements of a third-party certification authority, and
 - provide guarantees regarding the certification requirements to a relevant authority; and
 - a non-volatile memory device coupled to the baseband module to accept a download of and store the radio protocol ~~first and second radio protocols~~,
if the radio protocol meets ~~first and second radio protocols meet~~ the

certification requirements, wherein the baseband module is to operate under the radio protocol ~~both the first and second radio protocols~~.

17. (Currently Amended) The system of claim 16, wherein the mechanism is further to authenticate the radio protocol ~~first and second radio protocols~~ using a first cryptographic key stored at the baseband module.
18. (Currently Amended) The system of claim 17, wherein the ~~first~~ cryptographic key comprises a public key.
19. (Currently Amended) The system of claim 16, wherein the radio protocol is first ~~and second radio protocols are~~ downloaded at the non-volatile memory device via a boot loader program.
20. (Previously Presented) The system of claim 19, wherein the mechanism is further to determine whether the boot loader program is approved by a manufacturer of the baseband module.
21. (Currently Amended) The system of claim 20, wherein the mechanism is further to authenticate the boot loader program using a ~~second~~ cryptographic key stored at the baseband module.
22. (Currently Amended) The system of claim 21, wherein the ~~second~~ cryptographic key comprises a public key.
23. (Currently Amended) A machine-readable medium comprising instructions which when executed, cause a machine to:

identify a ~~first and a second~~ radio protocol;

receive the radio protocol ~~first and second radio protocols~~;

prior to downloading the radio protocol ~~first and second radio protocols~~ to a baseband module, determine whether the radio protocol meets first and

~~second radio protocols meet~~ certification requirements of a third-party certification authority;
provide guarantees regarding the certification requirements to a relevant authority; and
if the radio protocol meets ~~first and second radio protocols meet~~ the certification requirements, download the radio protocol ~~first and second radio protocols~~ to a non-volatile memory device coupled to the baseband module, wherein the baseband module is to operate under ~~both the~~ radio protocol ~~first and second radio protocols~~.

24. (Currently Amended) The machine-readable medium of claim 23, wherein the instructions when executed to determine if the radio protocol meets ~~first and second radio protocols meeting~~ the certification requirements causes the machine to authenticate the radio protocol ~~first and second radio protocols~~ using a first cryptographic key stored at the baseband module.
25. (Currently Amended) The machine-readable medium of claim 24, wherein the ~~first~~ cryptographic key comprises a public key.
26. (Currently Amended) The machine-readable medium of claim 23, wherein the downloading of the radio protocol ~~first and second radio protocols~~ comprises writing the radio protocol ~~first and second radio protocols~~ to the non-volatile memory device via a boot loader program.
27. (Previously Presented) The machine-readable medium of claim 26, wherein the instructions when further executed, cause the machine to determine whether the boot loader program is approved by the manufacturer of the baseband module.

28. (Currently Amended) The machine-readable medium of claim 27, wherein the instructions when further executed, cause the machine to authenticate the boot loader program via a ~~second~~-cryptographic key stored at the baseband module.
29. (Currently Amended) The machine-readable medium of claim 28, wherein the ~~second~~-cryptographic key comprises a public key.

Claims 30-36 (Cancelled)